

| | | |
|-----------|-----------|----------|
| APPROVED | O.G. FIG. | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

864060"4T99E060

| | | | | | |
|---|------|------|------|------|------|
| 819 | 828 | 837 | 846 | 855 | 864 |
| CAC AAC CTG GTG ATC CAG TAC GCA GCC CAA GGT CGC TAT GAG GTG GCC GTG CCA | | | | | |
| H N L V I Q Y A A Q G R Y E V A V P | | | | | |
| 873 | 882 | 891 | 900 | 909 | 918 |
| CTC TGT AAG CAG GCA CTA GAG GAC CTG GAG CGC ACA TCA GGC CGT GGC CAC CCT | | | | | |
| L C K Q A L E D L E R T S G R G H P | | | | | |
| 927 | 936 | 945 | 954 | 963 | 972 |
| GAT GTC GCC ACC ATG CTC AAC ATC CTT GCT TTG GTG TAT CGT GAC CAG AAT AAG | | | | | |
| D V A T M L N I L A L V Y R D Q N K | | | | | |
| 981 | 990 | 999 | 1008 | 1017 | 1026 |
| TAT AAG GAA GCT GCC CAC CTG CTG AAT GAT GCC CTT AGC ATC CGG GAG AGC ACC | | | | | |
| Y K E A A H L L L N D A L S I R E S T | | | | | |
| 1035 | 1044 | 1053 | 1062 | 1071 | 1080 |
| TTG GGA CCT GAC CAT CCT GCT GTG GCT GCC ACA CTC AAC AAT TTG GCT GTG CTC | | | | | |
| L G P D H P A V A A T L N L A V L | | | | | |
| 1089 | 1098 | 1107 | 1116 | 1125 | 1134 |
| TAT GGC AAA AGG GGC AAG TAC AAG GAG GCA GAG CCT CTG TGC CAG CGG GCA CTG | | | | | |
| Y G K R G K Y K E A E P L C Q R A L | | | | | |
| 1143 | 1152 | 1161 | 1170 | 1179 | 1188 |
| GAG ATT CGA GAA AAG GTC CTG GGC ACG AAT CAT CCA GAT GTG GCA AAA CAG CTG | | | | | |
| E I R E K V L G T N H P D V A K Q L | | | | | |

FIGURE 1C

| | | |
|-----------|-----------|----------|
| APPROVED | O.G. FIG. | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

3620E0"4F99E060

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|---|------|------|------|------|------|
| 1197 | 1206 | 1215 | 1224 | 1233 | 1242 |
| AAC AAC CTG GCC CTC TTG TGC CAA AAC CAG GGC AAG TAT GAG GCC GTG GAA CGC | | | | | |
| N N L A L L C Q N Q Q G K Y E A V E R | | | | | |
| 1251 | 1260 | 1269 | 1278 | 1287 | 1296 |
| TAC TAC CAG CGA GCA CTG GCC ATC TAC GAG GGC CAG CTG GGG CCG GAC AAC CCT | | | | | |
| Y Y Q R A L A I Y E G Q L G P D N P | | | | | |
| 1305 | 1314 | 1323 | 1332 | 1341 | 1350 |
| AAT GTA GCC CGG ACC AAG AAC AAC CTG GCT TCC TGT TAC CTG AAA CAG GGC AAA | | | | | |
| N V A R T K N N L A S C Y L K Q G K | | | | | |
| 1359 | 1368 | 1377 | 1386 | 1395 | 1404 |
| TAT GCT GAG GCT GAG ACA CTA TAC AAA GAG ATC CTG ACC CGT GCC CAT GTA CAG | | | | | |
| Y A E A E T L Y K E I L T R A H V Q | | | | | |
| 1413 | 1422 | 1431 | 1440 | 1449 | 1458 |
| GAG TTT GGG TCT GTG GAT GAT GAC CAC AAG CCC ATC TGG ATG CAT GCA GAG GAG | | | | | |
| E F G S V D D H K P I W M A E E | | | | | |
| 1467 | 1476 | 1485 | 1494 | 1503 | 1512 |
| CGG GAG GAA ATG AGC AAA AGC CGG CAC CAT GAG GGT GGG ACA CCC TAT GCT GAG | | | | | |
| R E E M S K S R H H E G G T P Y A E | | | | | |
| 1521 | 1530 | 1539 | 1548 | 1557 | 1566 |
| TAT GGA GGC TGG TAC AAG GCC TGC AAA GTG AGC AGC CCC ACA GTG AAC ACT ACT | | | | | |
| Y G G W Y K A C K V S S P T V N T T | | | | | |

FIGURE 1D

| | | |
|-----------|-----------|----------|
| APPROVED | O.G. FIG. | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

364060" 4T99E060

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|---|------|------|------|------|------|
| 1575 | 1584 | 1593 | 1602 | 1611 | 1620 |
| CTG AGA AAC CTG GGA GCT CTG TAT AGG CGC CAG GGA AAG CTG GAG GCT GCT GAG | | | | | |
| L R N L G A L Y R R Q G K L E A E | | | | | |
| 1629 | 1638 | 1647 | 1656 | 1665 | 1674 |
| ACC CTG GAG GAA TGT GCC CTG CGG TCC CGG AGA CAG GGC ACT GAC CCT ATC AGC | | | | | |
| T L E E C A L R S R Q G T D P I S | | | | | |
| 1683 | 1692 | 1701 | 1710 | 1719 | 1728 |
| CAG ACG AAG GTG GCA GAG CTG CTT GGG GAG AGT GAT GGT AGA AGG ACC TCC CAG | | | | | |
| Q T K V A E L L G E S D G R R T S Q | | | | | |
| 1737 | 1746 | 1755 | 1764 | 1773 | 1782 |
| GAG GGC CCT GGA GAC AGT GTG AAA TTC GAG GGT GAA GAT GCT TCT GTG GCT | | | | | |
| E G P G D S V K F E G G E D A S V A | | | | | |
| 1791 | 1800 | 1809 | 1818 | 1827 | 1836 |
| GTG GAG TGG TCC GGG GAT GGC AGT GGG ACC CTG CAG AGG AGT GGC TCT CTT GGC | | | | | |
| V E W S G D G G S G T L Q R S G S L G | | | | | |
| 1845 | 1854 | 1863 | 1872 | 1881 | 1890 |
| AAG ATC CGG GAT GTG CTC CGC AGA AGC AGT GAA CTC TTG GTG AGG AAG CTC CAG | | | | | |
| K I R D V L R R S S S E L L V R K L Q | | | | | |
| 1899 | 1908 | 1917 | 1926 | 1935 | 1944 |
| GGG ACT GAG CCT CGG CCC TCC AGC AGC AAC ATG AAG CGA GCA GCC TCC TTG AAC | | | | | |
| G T E P R P S S S N M K R A A S L N | | | | | |

FIGURE 1E

| | | | | | |
|---|------|------|------|------|------|
| 1953 | 1962 | 1971 | 1980 | 1989 | 1998 |
| TAT CTG AAC CAA CCT AGT GCA GCA CCC CTC CAG GTC TCC CGG GGC CTC AGT GCC | | | | | |
| Y L N Q P S A A P L Q V S R G L S A | | | | | |
| 2007 | 2016 | 2025 | 2034 | 2043 | 2052 |
| AGC ACC ATG GAC CTC TCT TCA AGC AGC TGA CAT TCA ACC CGG CCC CCA GGT CTG | | | | | |
| S T M D L S S S | | | | | |
| 2061 | 2070 | 2079 | 2088 | 2097 | 2106 |
| CTG GGT CCC CCC ACC CCC ACA GCC CTC ACA GCA TTC CCC ATT GCT CCT GGC TCT | | | | | |
| 2115 | 2124 | 2133 | 2142 | 2151 | 2160 |
| TCC CCA CCC CTA GGT GGG ACA GTG AAG GGG AGC AGT TTA ACC AGA AGA TTG CTG | | | | | |
| 2169 | 2178 | 2187 | 2196 | 2205 | 2214 |
| CTG CCC TTA GGG TCT CAG CTC CCT CCT CAG GAA TCC CTC TTA GGA AGG ACC CTC | | | | | |
| 2223 | 2232 | 2241 | 2250 | 2259 | 2268 |
| AGG ACA CCC TCT CTG CAC CCT GTG GTC CTC TAG AGT AGC TAG CTC TGA GGC CCC | | | | | |
| 2277 | 2286 | 2295 | 2304 | 2313 | 2322 |
| AAG GTG GGT ACA AAG CAG GTA TGG CCC TCA GAG ATG CAG CCT GCT GCT GGC TTT | | | | | |
| 2331 | 2340 | 2349 | 2358 | 2367 | 2376 |
| TCA GTC AGA GGG TTG GGG GCT GGT GGC CAG CCA AGC TGC CTT GCC CTG GCC GCT CTT | | | | | |
| 2385 | 2394 | 2403 | 2412 | 2421 | 2430 |
| ACT CCC TCC CTC TGC TGT CTC ACT TCA GGT CCA TGT ATT TCA CTT TTC TTA AAT | | | | | |

FIGURE 1F

| | | |
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| APPROVED | O.G. FIG. | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

862000"4499E060

2439 2448
AAA AGA ATC AGT NCT TNT NTN NG 3'

FIGURE 1G

FIGURE 2A

FIGURE 2A

SECRET 4739060

| | | |
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| APPROVED | O.G. FIG. | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

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|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|---------|-----------|
| 209 | A | R | L | R | T | L | H | N | L | V | I | Q | Y | A | A | Q | G | R | Y | E | V | A | V | P | L | C | K | Q | A | L | 2479739 |
| 207 | A | R | L | R | T | L | H | N | L | V | I | Q | Y | A | S | Q | G | R | Y | E | V | A | V | P | L | C | K | Q | A | L | GI 307085 |
| 239 | E | D | L | E | R | T | S | G | R | G | H | P | D | V | A | T | M | L | N | I | L | A | L | V | Y | R | D | Q | N | K | 2479739 |
| 237 | E | D | L | E | K | T | S | G | H | D | H | P | D | V | A | T | M | L | N | I | L | A | L | V | Y | R | D | Q | N | K | GI 307085 |
| 269 | Y | K | E | A | A | H | L | L | N | D | A | L | S | I | R | E | S | T | L | G | P | D | H | P | A | V | A | A | T | L | 2479739 |
| 267 | Y | K | D | A | A | N | L | L | N | D | A | L | A | I | R | E | K | T | L | G | K | D | H | P | A | V | A | A | T | L | GI 307085 |
| 299 | N | N | L | A | V | L | Y | G | K | R | G | K | Y | K | E | A | E | P | L | C | Q | R | A | L | E | I | R | E | K | V | 2479739 |
| 297 | N | N | L | A | V | L | Y | G | K | R | G | K | Y | K | E | A | E | P | L | C | K | R | A | L | E | I | R | E | K | V | GI 307085 |
| 329 | L | G | T | N | H | P | D | V | A | K | Q | L | N | N | L | A | L | C | Q | N | Q | G | K | Y | E | A | V | E | R | 2479739 | |
| 327 | L | G | K | D | H | P | D | V | A | K | Q | L | N | N | L | A | L | C | Q | N | Q | G | K | Y | E | V | E | Y | GI 307085 | | |
| 359 | Y | Y | Q | R | A | L | A | I | Y | E | G | Q | L | G | P | D | N | P | N | V | A | R | T | K | N | N | L | A | S | C | 2479739 |
| 357 | Y | Y | Q | R | A | L | E | I | Y | Q | T | K | L | G | P | D | D | P | N | V | A | K | T | K | N | N | L | A | S | C | GI 307085 |
| 389 | Y | L | K | Q | G | K | Y | A | E | A | E | T | L | Y | K | E | I | L | T | R | A | H | V | Q | E | F | G | S | V | D | 2479739 |
| 387 | Y | L | K | Q | G | K | F | K | Q | A | E | T | L | Y | K | E | I | L | T | R | A | H | E | R | E | F | G | S | V | D | GI 307085 |

FIGURE 2B

0620E0"4T99E060

| | | |
|-----------|-----------|----------|
| APPROVED | O.G. FIG. | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

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|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------|
| 419 | D | D | H | K | P | I | W | M | H | A | E | E | R | E | E | M | S | K | S | R | H | H | E | G | G | T | P | Y | A | E | 2479739 |
| 417 | D | E | N | K | P | I | W | M | H | A | E | E | R | E | E | - | C | K | G | K | Q | K | D | G | - | T | S | F | G | E | GI 307085 |
| 449 | Y | G | G | W | Y | K | A | C | K | V | S | S | P | T | V | N | T | T | L | R | N | L | G | A | L | Y | R | R | Q | G | 2479739 |
| 445 | Y | G | G | W | Y | K | A | C | K | V | D | S | P | T | V | T | T | L | K | N | L | G | A | L | Y | R | R | Q | G | GI 307085 | |
| 479 | K | L | E | A | A | E | T | L | E | E | C | A | L | R | S | R | R | Q | G | T | D | P | I | S | Q | T | K | V | A | E | 2479739 |
| 475 | K | F | E | A | A | E | T | L | E | E | A | M | R | S | R | K | Q | G | L | D | N | V | H | K | Q | R | V | A | E | GI 307085 | |
| 509 | L | L | G | E | S | D | G | - | - | - | R | R | T | S | Q | E | G | P | G | D | S | V | K | F | E | - | - | - | G | 2479739 | |
| 505 | V | L | N | D | P | E | N | M | E | K | R | R | S | R | E | S | L | N | V | D | V | V | K | Y | E | S | G | P | D | G | GI 307085 |
| 532 | G | E | D | A | S | V | A | V | E | W | S | G | D | G | S | G | T | L | Q | R | S | G | S | L | G | K | I | R | D | V | 2479739 |
| 535 | G | E | V | S | M | S | V | E | W | N | G | G | V | S | G | - | - | - | R | A | S | F | C | G | K | R | Q | Q | - | GI 307085 | |
| 562 | L | R | R | S | S | E | L | L | V | R | K | L | Q | G | T | E | P | R | P | S | S | S | N | M | K | R | A | A | S | L | 2479739 |
| 561 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | Q | Q | W | P | G | R | R | H | R | | | | GI 307085 | |
| 592 | N | Y | L | N | Q | P | S | A | A | P | L | Q | V | S | R | G | L | S | A | S | T | M | D | L | S | S | S | S | | | 2479739 |
| 569 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | GI 307085 | |

FIGURE 2C